Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of using a mobile terminal ~~(MT)~~ for synchronizing uplink signals in wireless communications that use a time frame format having sequentially identified system time frames, the method comprising:

receiving communication data within system time frames including a timing advance ~~TA~~ signal which include timing advance ~~TA~~ data and a Connect Frame Number ~~(CFN)~~ specifying a specific frame for effectuating a timing adjustment; and

adjusting uplink transmission timing of the mobile terminal ~~MT~~ in response to timing advance ~~TA~~ data in the received timing advance ~~TA~~ signal commencing in the time frame specified in the Connect Frame Number ~~CFN~~ of the received timing advance ~~TA~~ signal.

2. (Currently Amended) A mobile terminal ~~(MT)~~ which supports ~~base station (BS) / mobile terminal (MT)~~ wireless bi-directional communications via the utilization of a time frame format having sequentially identified system time frames, the mobile terminal ~~(MT)~~ comprising:

a receiver, a transmitter and an associated processor;

said receiver configured to receive communication data within system time frames including timing advance ~~(TA)~~ signals which include ~~TA~~ data and a Connect Frame Number ~~(CFN)~~ specifying a specific frame for effectuating a timing adjustment;

said transmitter configured to transmit selectively formatted communication data within system time frames synchronized by said processor; and

said mobile terminal ~~MT~~ processor configured to adjust transmission timing of said transmitter in response to timing advance ~~TA~~ data in a received timing advance ~~TA~~ signal commencing in the time frame specified in the Connect Frame Number ~~CFN~~ of the received timing advance ~~TA~~ signal.

3. (Previously Presented) A mobile terminal comprising:

a receiver, a transmitter and an associated processor;

said receiver configured to receive wireless communication signals within sequentially identified time frames including timing advance signals which include timing advance data and a Connect Frame Number specifying a specific frame for effectuating a timing adjustment;

said transmitter configured to transmit selectively formatted wireless communication signals within sequentially identified time frames synchronized by said processor; and

said processor configured to adjust transmission timing of said transmitter in response to timing advance data in a received timing advance signal commencing in the time frame specified in the Connect Frame Number of the received timing advance signal.

4. (Previously Presented) A method for synchronizing wireless communication signals by a mobile terminal comprising:

receiving wireless communication signals within sequentially identified time frames including timing advance signals which include timing advance data and a Connect Frame Number specifying a specific frame for effectuating a timing adjustment; and

adjusting the timing of wireless communication signal transmissions of the mobile terminal in response to timing advance data in a received timing advance signal commencing in the time frame specified in the Connect Frame Number of the received timing advance signal.